

Figure 1

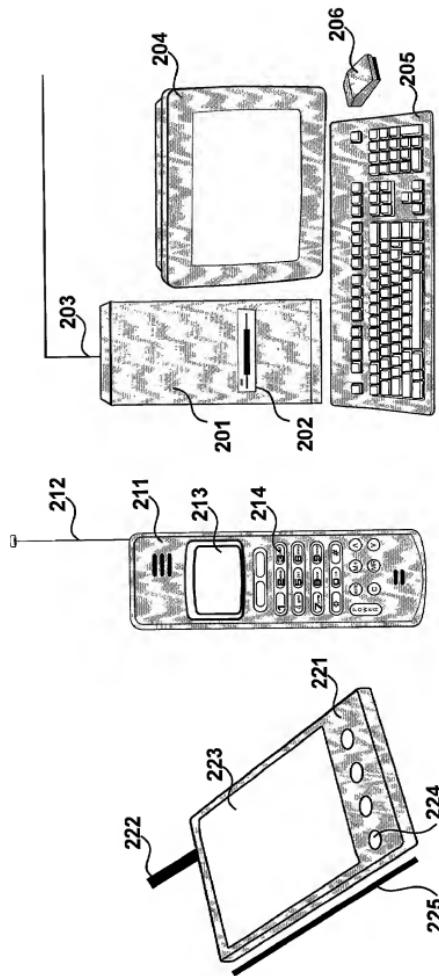


Figure 2

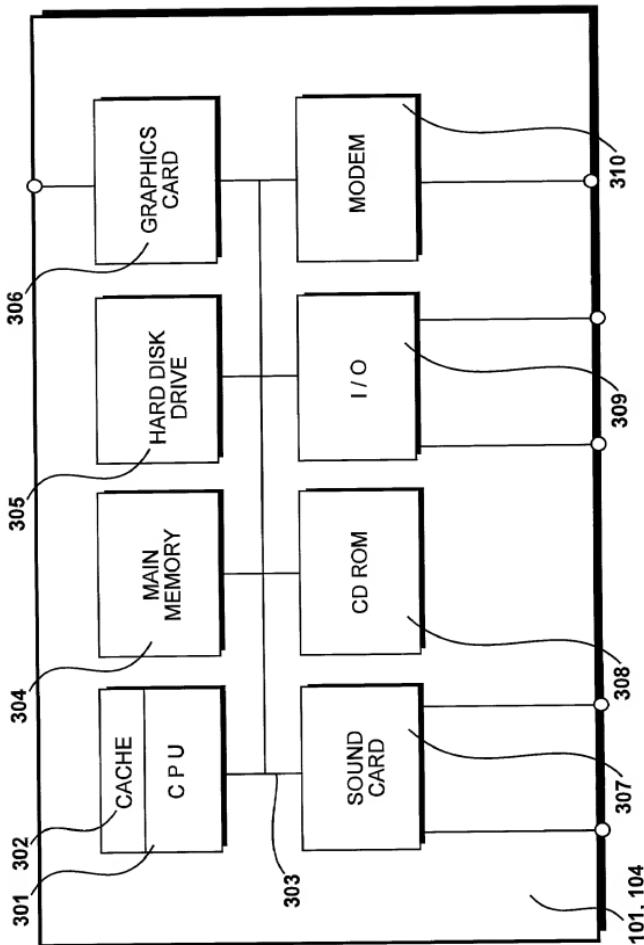


Figure 3

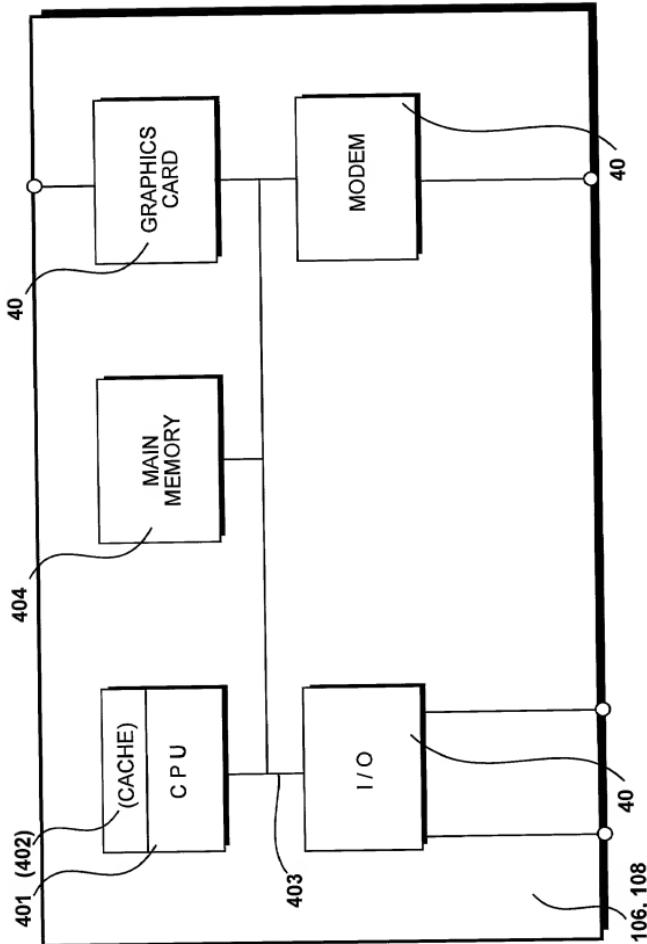


Figure 4

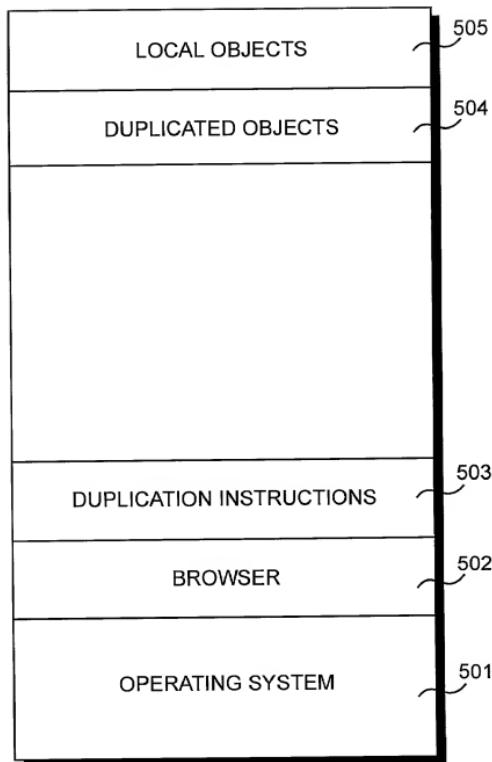


Figure 5

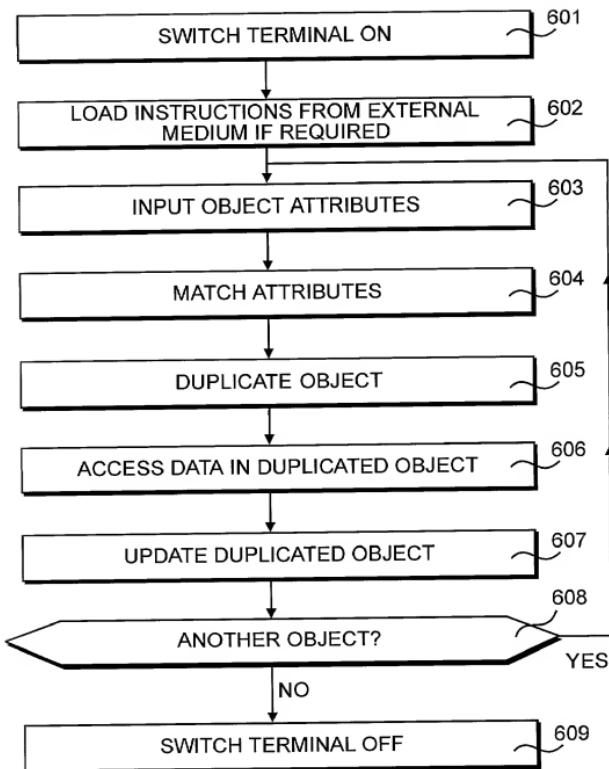


Figure 6

701	Title "2-for-1 offer";	
702	# include <2-for-1.h>	
703	Void main (void) {	
704		Define PromotionSpace;
705	Client * pClient = Client :: Create(); // initialise the client attributes	
706	pClient → Publish(); // will eventually discover relevant promotion	
707	Promotion * pPromotion = Promotion :: Create(); // initialise the promotion attributes	
708	pPromotion → Publish(); // will eventually discover relevant client	
}		

Figure 7

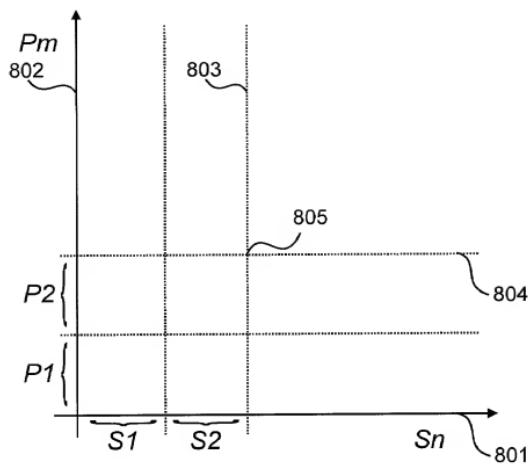


Figure 8

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$$901 \curvearrowright S_n = S_1 \cup S_2 \cup \dots \cup S_n$$

$$902 \curvearrowright P_m = P_1 \cup P_2 \cup \dots \cup P_m$$

$$903 \curvearrowright C_{1,1} = S_1 \cup P_1$$

$$C_{1,2} = S_1 \cup P_2$$

$$904 \curvearrowright C_{1,m} = S_1 \cup P_m$$

$$905 \curvearrowright C_{n,m} = S_n \cup P_m$$

$$906 \curvearrowright R = C(P) \times C(S)$$

$$907 \curvearrowright R = \frac{C(S) \times C(P)}{(n \times m)}$$

$$908 \curvearrowright C_{n,n} = S_n \cup P_n$$

Figure 9

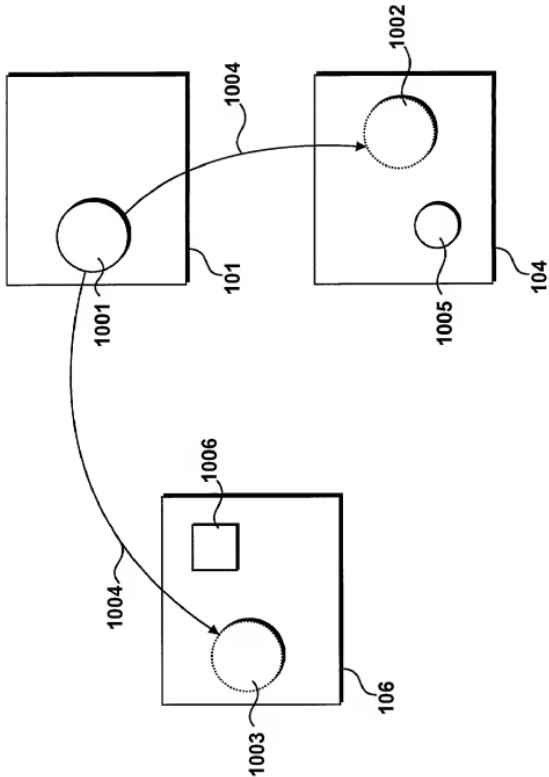


Figure 10

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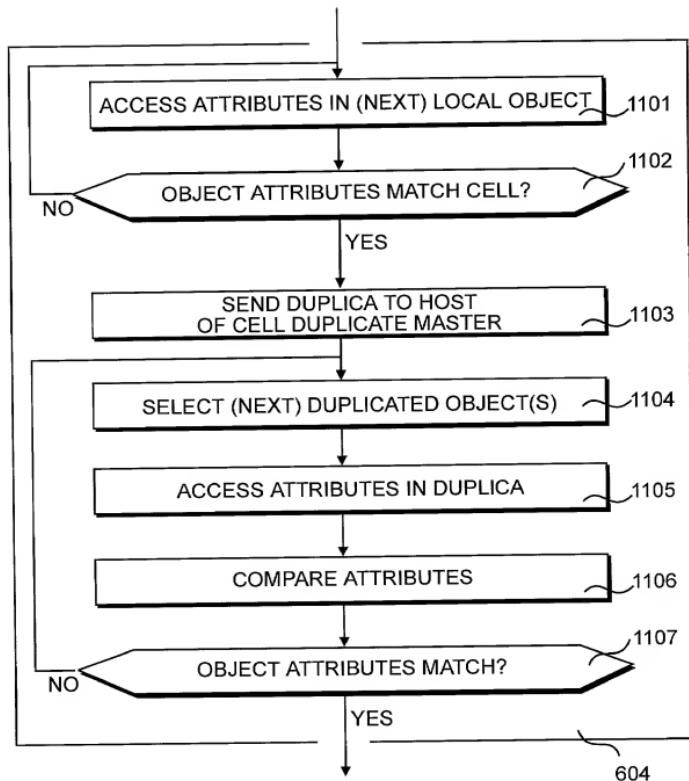


Figure 11

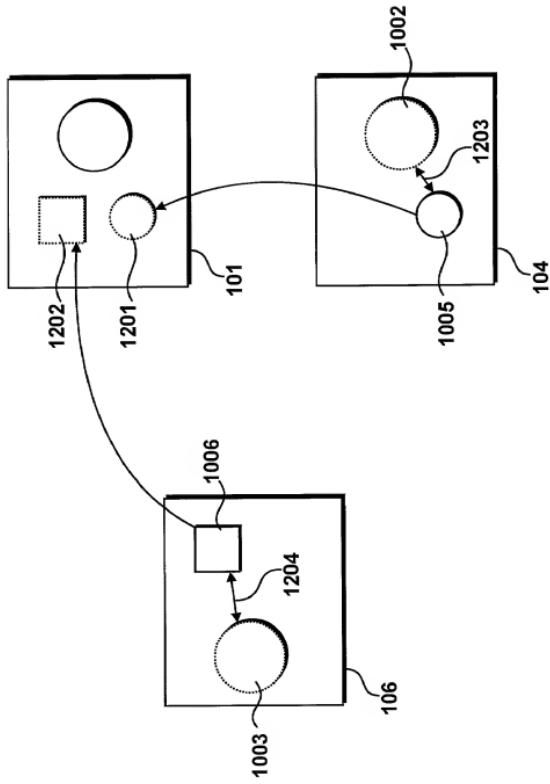


Figure 12

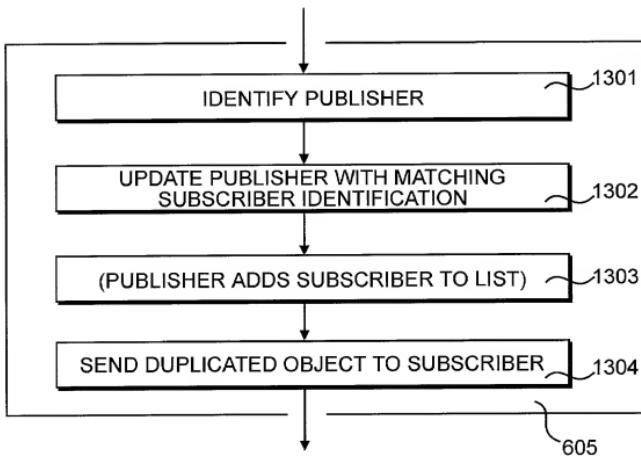


Figure 13

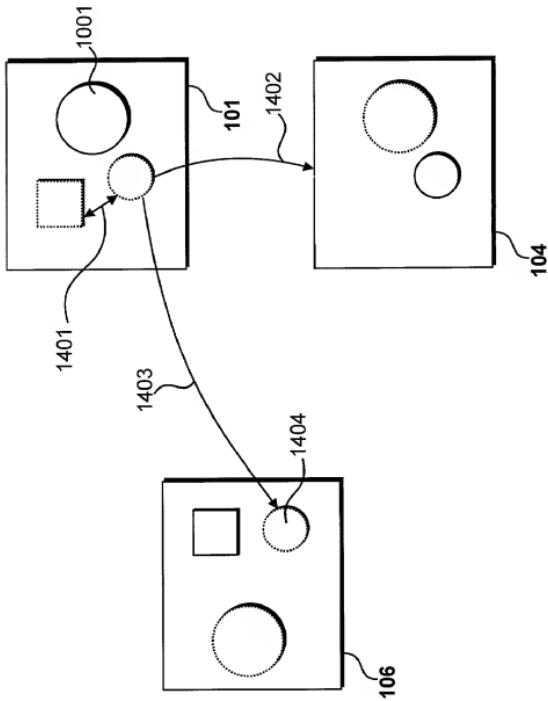


Figure 14

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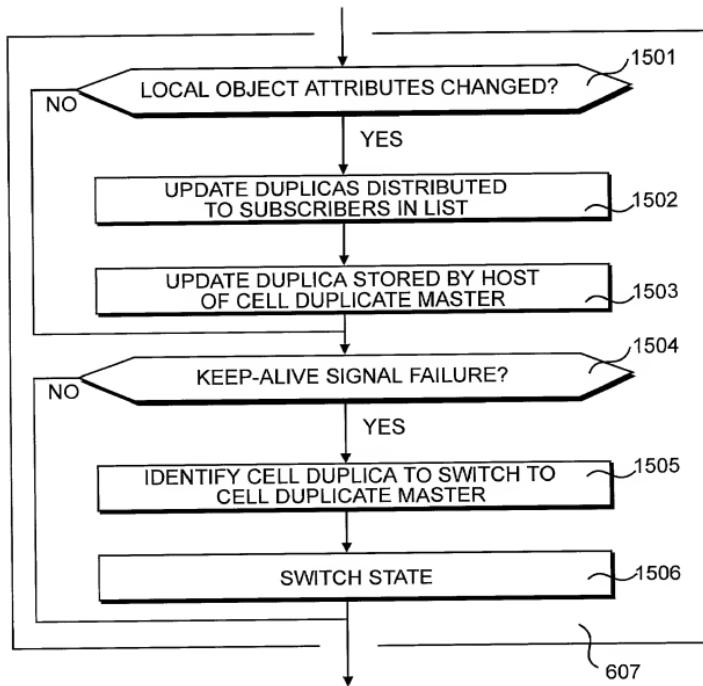


Figure 15

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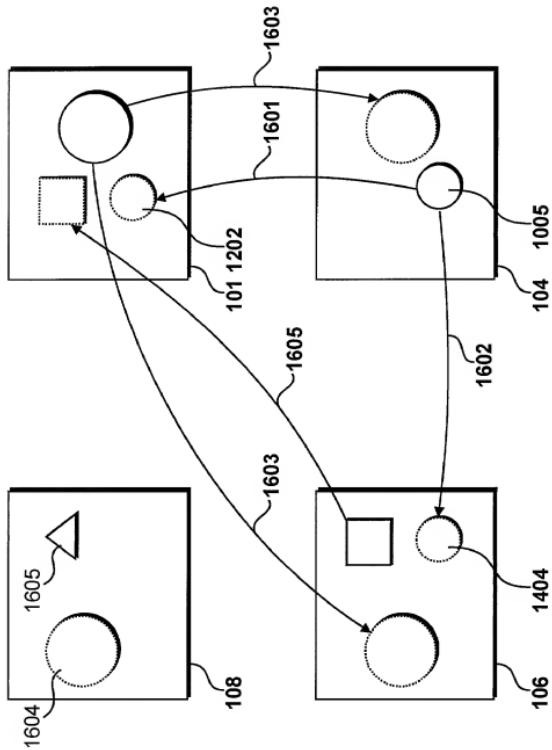


Figure 16

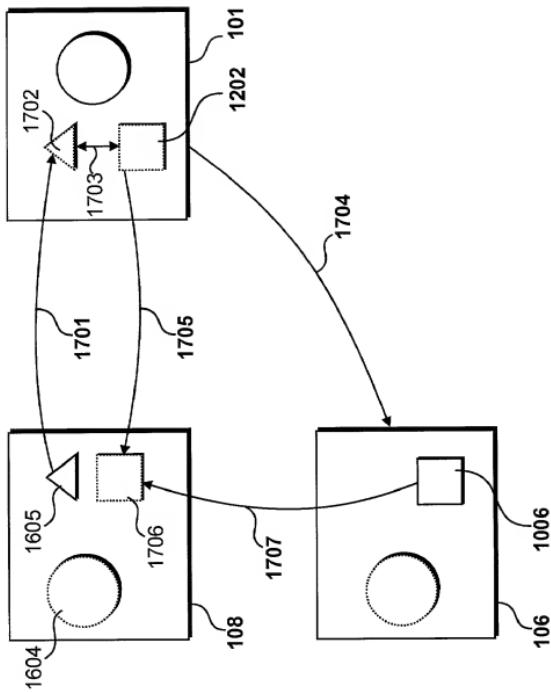


Figure 17